



0826-01

EFW
2821/8

PATENTS
Attorney Docket No. LT-140

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant : Steven D. Roach
Application No. : 10/003,096 Confirmation No. : 5186
Filed : December 6, 2003
For : CIRCUITRY AND METHODS FOR IMPROVING
THE PERFORMANCE OF A LIGHT EMITTING
ELEMENT
Group Art Unit : 2821
Examiner : Jimmy Vu

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

EXPRESS MAIL CERTIFICATION

Express Mail Label No. EV270264150US

Date of Deposit: August 23, 2004

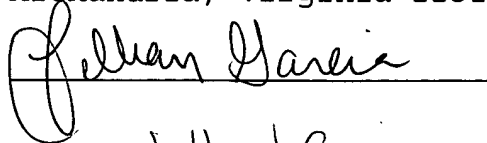
I hereby certify that this certification and the following papers and fees:

1. Transmittal Letter (in duplicate);
2. Reply to Office Action;
3. Fourth Supplemental Information Disclosure Statement (in duplicate);
4. Form PTO-1449 (in duplicate);
5. A copy of a May 24, 2004 Preliminary Search Report;
6. Copies of three (3) references;

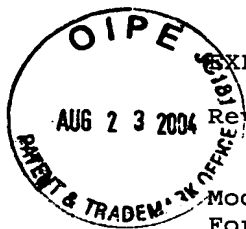
7. A check in the amount of \$110.00; and

8. Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and are addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.



Name: Lillian Garcia



EXPRESS MAIL LABEL NO. EV270264150US

AUG 23 2004 Rev. 10/03

PATENTS

Modified PTO 1083
For Other Than A Small Entity

Attorney Docket No. LT-140

Applicant : Steven D. Roach
Application No.: 10/003,096 Confirmation No.: 5186
Filed : December 6, 2003
For : CIRCUITRY AND METHODS FOR IMPROVING THE
PERFORMANCE OF A LIGHT EMITTING ELEMENT

Group Art Unit : 2821

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P.O. Box 1450
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith: ☐ a Preliminary Amendment;
☒ a Reply to Office Action; ☐ a Supplemental Amendment;
☐ a substitute Specification; ☐ a Declaration; ☐ a Supplemental Declaration; ☐ a
Power of Attorney; ☐ an Associate Power of Attorney; ☐ formal drawings; to be
filed in the above-identified patent application.

FEE FOR ADDITIONAL CLAIMS

☒ A fee for additional claims is not required.

☐ A fee for additional claims is required.

The additional fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE		ADDITIONAL
TOTAL CLAIMS	48	-	48*	=	0	x	\$18	=	\$.00
INDEPENDENT CLAIMS	9	-	9**	=	0	x	\$86	=	\$.00
FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM						+	\$290	=	\$.00
									TOTAL
									\$.00

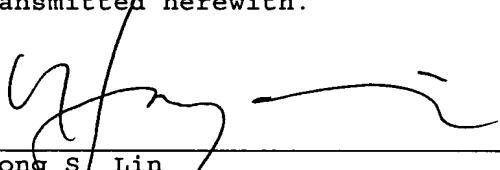
* If less than 20, insert 20.

** If less than 3, insert 3.

- ☐ A check in the amount of \$____.00 in payment of the fee for additional claims is transmitted herewith.
- ☒ The Director is hereby authorized to charge payment of any additional fees required under 37 C.F.R. § 1.16 in connection with the paper(s) transmitted herewith, or credit any overpayment of same, to Deposit Account No. 06-1075. A duplicate copy of this transmittal letter is transmitted herewith.
- ☐ Please charge \$_____ to Deposit Account No. 06-1075 in payment of the fee for additional claims. A duplicate copy of this transmittal letter is transmitted herewith.

EXTENSION FEE

- ☒ The following extension fee is applicable to the Response filed herewith:
☒ \$110.00 extension fee for response within first month pursuant to 37 C.F.R. § 1.136(a)(1); ☐ \$420.00 extension fee for response within second month pursuant to 37 C.F.R. § 1.136(a)(2); ☐ \$950.00 extension fee for response within third month pursuant to 37 C.F.R. § 1.136(a)(3); ☐ \$1,480.00 extension fee for response within fourth month pursuant to 37 C.F.R. § 1.136(a)(4); ☐ \$2,010.00 extension fee for response within fifth month pursuant to 37 C.F.R. § 1.136(a)(5).
- ☒ A check in the amount of ☒ \$110.00 ☐ \$420.00 ☐ \$950.00 ☐ \$1,480.00 ☐ \$2,010.00 in payment of the extension fee is transmitted herewith.
- ☒ The Director is hereby authorized to charge payment of any additional extension fees required under 37 C.F.R. § 1.17 in connection with the paper(s) transmitted herewith, or credit any overpayment of same, to Deposit Account No. 06-1075. A duplicate copy of this transmittal letter is transmitted herewith.
- ☐ Please charge the ☐ \$110.00 ☐ \$420.00 ☐ \$950.00 ☐ \$1,480.00 ☐ \$2,010.00 extension fee to Deposit Account No. 06-1075. A duplicate copy of this transmittal letter is transmitted herewith.



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PATENTS

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PATENT APPLICATION

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Group Art Unit : 2821
Examiner : Jimmy Vu

New York, New York 10020
August 23, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicant
hereby makes the following references of record in the above-
identified patent application:

U.S. Patent Documents

4,761,788	Dietrich et al.	08/02/1988
5,024,966	Dietrich et al.	06/18/1991
5,371,755	Murata et al.	12/06/1994

The aforementioned references are listed on the accompanying Form PTO-1449 (submitted in duplicate) and copies are enclosed herewith.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

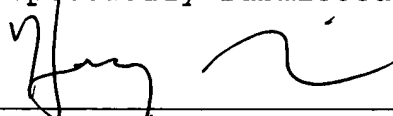
It is respectfully requested that this document be (1) fully considered by the United States Patent and Trademark Office during examination of this application; and (2) printed on any patent which may issue on this application. Applicant requests that a copy of Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

The information contained in this Fourth Supplemental Information Disclosure Statement was cited in a communication

from a foreign patent office in a counterpart foreign application. In particular, these references were cited in the May 24, 2004 Preliminary Search Report in applicant's corresponding French Patent Application No. 0306869. A copy of that Search Report is enclosed herewith. In accordance with 37 C.F.R. § 1.97(c)(1), submission of this Statement requires no fee. However, if for any reason a fee is due, the Director is hereby authorized to charge payment of any fees required in connection with this Fourth Supplemental Information Disclosure Statement to Deposit Account No. 06-1075. A duplicate copy of this letter is transmitted herewith.

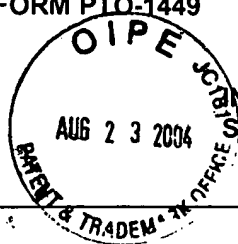
Consideration of the foregoing in relation to this patent application is respectfully requested.

Respectfully submitted,



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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
LT-140APPLICATION NO.
10/003,096APPLICANTS
Steven D. RoachCONFIRMATION NO.
5186FILING DATE
December 6, 2003GROUP ART UNIT
2821INFORMATION DISCLOSURE
STATEMENT BY APPLICANTS

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,761,788	08/02/1988	Dietrich et al.	372	36	
	5,024,966	06/18/1991	Dietrich et al.	437	60	
	5,371,755	12/06/1994	Murata et al.	372	38	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicants.